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**NON-PROVISIONAL
UTILITY PATENT APPLICATION
TRANSMITTAL - 37 CFR 1.53(b)**

☐ Duplicate
(check, if applicable)

JC846 U.S. PTO
01/19/01

PTO
09/766511
01/19/01

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, DC 20231

Attorney Docket No. 10147-65 (MPI2000-537OMN)
First Named Inventor: Sean A. McCarthy
Express Mail Label No. EL631611335US
Total Pages of Transmittal Form: 28

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC,
PREVENTIVE, THERAPEUTIC, AND OTHER USES**

which is:

an ☐ Original; or

a ☐ Continuation, ☐ Divisional, or ☒ Continuation-in-part (CIP)

of U.S. Application 09/578,063, filed on May 24, 2000, which is a continuation-in-part of U.S. Application 09/333,159, filed on June 14, 1999; and a continuation-in-part of U.S. Application 09/596,194, filed on June 16, 2000, which is a continuation-in-part of U.S. Application 09/342,364, filed on June 29, 1999; and a continuation-in-part of U.S. Application 09/608,452, filed on June 30, 2000, which is a continuation-in-part of U.S. Application 09/393,996, filed on September 10, 1999; and a continuation-in-part of U.S. Application 09/345,680, filed on June 30, 1999.

Enclosed are:

- ☒ Specification (including Abstract) and claims: 151 pages.
- ☒ Application Data Sheet.
- ☒ Non-executed Declaration.
- ☒ 67 sheets of drawings (formal).
- ☒ Nucleotide and/or Amino Acid Sequence Submission, including:
 - ☒ Computer readable copy ☒ Paper Copy (56 pgs.) ☒ Verified Statement.

09/766511-01-001

The filing fee is calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE:		BASIC FEE:	
			\$355		\$710	
Total	43-20 =	23	X9	\$	OR	X18 \$ 414
Independent	2 - 3 =	0	X40	\$	OR	X80 \$
[] Multiple Dependent Claims Present			\$135	\$	OR	\$270 \$
			TOTAL	\$	OR	TOTAL \$ 1124

[] The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts.

[] A check in the amount of \$____.00 to cover the filing fee is enclosed.

[X] The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 210147.0065)** as noted below. A duplicate copy of this sheet is enclosed.

[X] Any overpayments or deficiencies in the above-calculated fee.

[X] Filing fee in the amount of **\$1124** as calculated above.

[X] Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.

[X] In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

CORRESPONDENCE ADDRESS:

19 January 2001

(Date)

By:

GARY D. COLBY, Ph.D., J.D.

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Enclosures